**NATIONAL INSTITUTES OF HEALTH** 

#### Diet History Questionnaire



#### **GENERAL INSTRUCTIONS**

- Answer each question as best you can. Estimate if you are not sure. A guess is better than leaving a blank.
- Use only a black ball-point pen. Do not use a pencil or felt-tip pen. Do not fold, staple, or tear the pages.
- Put an X in the box next to your answer.
- If you make any changes, cross out the incorrect answer and put an X in the box next to the correct answer. Also draw a circle around the correct answer.
- If you mark NEVER, NO, or DON'T KNOW for a question, please follow any arrows or instructions that direct you to the next question.

BEFORE TURNING THE PAGE, PLEASE COMPLETE THE FOLLOWING QUESTIONS.

#### Today's date:

MONTH	DAY		YEAR
☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ Jun ☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec		□0 □1 □2 □3 □4 □5 □6 □7 □8 □9	☐ 2007 ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

In w	hat	month	were
you	bor	'n?	

	Jan
	Feb
	Mar
	Apr
	May
	Jun
	Jul
	Aug
	Sep
	Oct
	Nov
	Dec

### In what year were you born?

#### Are you male or female?

☐Male ☐Female

BAR CODE LABEL OR SUBJECT ID HERE

1. Over the <u>past 12 months</u> , how often did you drink tomato juice or vegetable juice?	Over the past 12 months
☐ NEVER (GO TO QUESTION 2)	<ol> <li>How often did you drink other fruit drinks (such as cranberry cocktail, Hi-C, lemonade, or Kool- Aid, diet or regular)?</li> </ol>
☐ 1 time per month or less ☐ 1 time per day ☐ 2–3 times per month ☐ 2–3 times per day ☐ 1–2 times per week ☐ 4–5 times per day ☐ 3–4 times per week ☐ 6 or more times per day ☐ 5–6 times per week	NEVER (GO TO QUESTION 5)  1 time per month or less
1a. Each time you drank tomato juice or vegetable juice, how much did you usually drink?	☐ 1–2 times per week ☐ 4–5 times per day ☐ 3–4 times per week ☐ 6 or more times per day ☐ 5–6 times per week
Less than ¾ cup (6 ounces)  3¼ to 1¼ cups (6 to 10 ounces)  More than 1¼ cups (10 ounces)	4a. Each time you drank <b>fruit drinks</b> , how much did you usually drink?
<ol> <li>Over the past 12 months, how often did you drink orange juice or grapefruit juice?</li> </ol>	Less than 1 cup (8 ounces)  1 to 2 cups (8 to 16 ounces)  More than 2 cups (16 ounces)
☐ NEVER (GO TO QUESTION 3)	4b. How often were your fruit drinks diet or sugar-free drinks?
☐ 1 time per month or less ☐ 1 time per day ☐ 2–3 times per month ☐ 2–3 times per day ☐ 4–5 times per day ☐ 3–4 times per week ☐ 6 or more times per day ☐ 5–6 times per week	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
2a. Each time you drank <b>orange juice</b> or <b>grapefruit juice</b> , how much did you usually drink?	<ol> <li>How often did you drink milk as a beverage (NOT in coffee, NOT in cereal)? (Please include chocolate milk and hot chocolate.)</li> </ol>
Less than ¾ cup (6 ounces)  3¼ to 1¼ cups (6 to 10 ounces)  More than 1¼ cups (10 ounces)	□ NEVER (GO TO QUESTION 6) □ 1 time per month or less □ 1 time per day □ 2–3 times per month □ 2–3 times per day
<ol> <li>Over the <u>past 12 months</u>, how often did you drink other 100% fruit juice or 100% fruit juice mixtures (such as apple, grape, pineapple, or others)?</li> </ol>	☐ 1–2 times per month ☐ 1–2 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ 6 or more times per day ☐ 5–6 times per week
☐ NEVER (GO TO QUESTION 4)	5a. Each time you drank <b>milk as a beverage</b> , how much did you usually drink?
☐ 1 time per month or less ☐ 1 time per day ☐ 2–3 times per month ☐ 2–3 times per day ☐ 1–2 times per week ☐ 4–5 times per day ☐ 3–4 times per week ☐ 6 or more times per day	☐ Less than 1 cup (8 ounces) ☐ 1 to 1½ cups (8 to 12 ounces) ☐ More than 1½ cups (12 ounces)
5–6 times per week	5b. What kind of <b>milk</b> did you usually drink?
3a. Each time you drank other fruit juice or fruit juice mixtures, how much did you usually drink?	☐ Whole milk ☐ 2% fat milk ☐ 1 % fat milk ☐ Skim, nonfat, or ½% fat milk
Less than ¾ cup (6 ounces)  ¾ to 1½ cups (6 to 12 ounces)  More than 1½ cups (12 ounces)	Soy milk Rice milk Other

Over the past 12 months	7d. How often were these soft drinks, soda, or pop diet or sugar-free?
<ol> <li>How often did you drink meal replacement, energy, or high-protein beverages such as Instant Breakfast, Ensure, Slimfast, Sustacal or others?</li> </ol> \[	☐ Almost never or never ☐ About 1/4 of the time ☐ About 1/2 of the time ☐ About 3/4 of the time ☐ Almost always or always
□ 1 time per month or less □ 1 time per day □ 2–3 times per month □ 2–3 times per day □ 1–2 times per week □ 4–5 times per day □ 3–4 times per week □ 6 or more times per day □ 5–6 times per week  6a. Each time you drank meal replacement beverages, how much did you usually drink? □ Less than 1 cup (8 ounces) □ 1 to 1½ cups (8 to 12 ounces) □ More than 1½ cups (12 ounces)  7. Over the past 12 months, did you drink soft	7e. How often were these soft drinks, soda, or pop caffeine-free?  Almost never or never About ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time About ¾ of the time Now of the time Now of the time Almost always or always  8. Over the past 12 months, did you drink beer?  Now (GO TO QUESTION 9)
drinks, soda, or pop?  NO (GO TO QUESTION 8)  YES	8a. How often did you drink <b>beer IN THE</b> SUMMER?  □ NEVER
7a. How often did you drink soft drinks, soda, or pop IN THE SUMMER?  □ NEVER □ 1 time per month or less □ 1 time per day □ 2–3 times per month □ 2–3 times per day □ 1–2 times per week □ 4–5 times per day	□ 1 time per month or less □ 1 time per day □ 2–3 times per month □ 2–3 times per day □ 1–2 times per week □ 4–5 times per day □ 3–4 times per week □ 6 or more times □ 5–6 times per week □ per day  8b. How often did you drink beer DURING THE REST OF THE YEAR?
3-4 times per week	□ NEVER □ 1 time per month or less □ 1 time per day □ 2–3 times per month □ 2–3 times per day □ 1–2 times per week □ 4–5 times per day □ 3–4 times per week □ 6 or more times □ 5–6 times per week per day
☐ 1 time per month or less ☐ 1 time per day ☐ 2–3 times per month ☐ 2–3 times per day ☐ 1–2 times per week ☐ 4–5 times per day ☐ 3–4 times per week ☐ 6 or more times ☐ 5–6 times per week ☐ per day  7c. Each time you drank soft drinks, soda, or pop, how much did you usually drink? ☐ Less than 12 ounces or less than 1 can or bottle ☐ 12 to 16 ounces or 1 can or bottle ☐ More than 16 ounces or more than 1 can or bottle	8c. Each time you drank beer, how much did you usually drink?  Less than a 12-ounce can or bottle  1 to 3 12-ounce cans or bottles  More than 3 12-ounce cans or bottles
<b>↓</b>	

<ul><li>Over the <u>past 12 months</u></li><li>9. How often did you drink wine or wine coolers?</li></ul>	11b. How often did you eat oatmeal, grits, or other cooked cereal DURING THE REST OF THE YEAR?
·	
☐ NEVER (GO TO QUESTION 10)	□ NEVER
☐ 1 time per month or less ☐ 1 time per day ☐ 2–3 times per month ☐ 2–3 times per day ☐ 1–2 times per week ☐ 4–5 times per day ☐ 3–4 times per week ☐ 6 or more times per day ☐ 5–6 times per week	☐ 1–6 times per year ☐ 7–11 times per year ☐ 1 time per month ☐ 2–3 times per month ☐ 1 time per week ☐ 2 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ 1 time per day ☐ 2 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 3–4 times per week ☐ 2 times per week ☐ 3–4 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per day
9a. Each time you drank wine or wine coolers, how much did you usually drink?  Less than 5 ounces or less than 1 glass 5 to 12 ounces or 1 to 2 glasses More than 12 ounces or more than 2 glasses	<ul><li>11c. Each time you ate oatmeal, grits, or other cooked cereal, how much did you usually eat?</li><li>Less than ¾ cup</li></ul>
	☐ ¾ to 1¼ cups ☐ More than 1¼ cups
☐ NEVER (GO TO QUESTION 11)	12. How often did you eat <b>cold cereal</b> ?
□ 1 time per month or less □ 1 time per day □ 2–3 times per month □ 2–3 times per day □ 1–2 times per week □ 4–5 times per day □ 3–4 times per week □ 6 or more times per day □ 5–6 times per week  10a. Each time you drank liquor or mixed drinks, how much did you usually drink? □ Less than 1 shot of liquor □ 1 to 3 shots of liquor □ More than 3 shots of liquor □ More than 3 shots of liquor □ NO (GO TO QUESTION 12) □ YES □ 11a. How often did you eat oatmeal, grits, or	NEVER (GO TO QUESTION 13)    1–6 times per year
other cooked cereal IN THE WINTER?  NEVER  1–6 times per winter  2 times per week 7–11 times per winter  3–4 times per week 1 time per month  5–6 times per week 2–3 times per month  1 time per day 1 time per week  2 or more times per day	12c. How often was the cold cereal you ate All Bran, Fiber One, 100% Bran, or Bran Buds?  Almost never or never About 1/4 of the time About 1/2 of the time About 3/4 of the time Almost always or always

Over the past 12 months	13a. Each time you ate <b>applesauce</b> , how much did you usually eat?
12d. How often was the cold cereal you ate some other bran or fiber cereal (such as Cheerios, Shredded Wheat, Raisin Bran, Bran Flakes, Grape-Nuts, Granola, Wheaties, or Healthy Choice)?	Less than ½ cup  ½ to 1 cup  More than 1 cup
□ Almost never or never □ About ½ of the time □ About ¾ of the time □ About ¾ of the time □ Almost always or always  12e. How often was the cold cereal you ate any other type of cold cereal (such as Corn Flakes, Rice Krispies, Frosted Flakes, Special K, Froot Loops, Cap'n Crunch, or others)? □ Almost never or never □ About ¼ of the time □ About ¾ of the time □ About ¾ of the time	14. How often did you eat apples?  NEVER (GO TO QUESTION 15)  1–6 times per year
Almost always or always  12f. Was <b>milk</b> added to your cold cereal?	15. How often did you eat <b>pears</b> (fresh, canned, or frozen)?  ☐ □ NEVER (GO TO QUESTION 16)
□ NO (GO TO QUESTION 13) □ YES 12g. What kind of <b>milk</b> was usually added?	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
Whole milk     2% fat milk     1% fat milk     Skim, nonfat, or ½% fat milk     Soy milk     Rice milk     Other	15a. Each time you ate <b>pears</b> , how many did you usually eat?  Less than 1 pear  1 pear  More than 1 pear
12h. Each time milk was added to your cold cereal, how much was usually added?	↑ 16. How often did you eat <b>bananas?</b> — □ NEVER (GO TO QUESTION 17)
Less than ½ cup ½ to 1 cup More than 1 cup  13. How often did you eat applesauce?  NEVER (GO TO QUESTION 14)	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day	

Over the past 12 months	18c. Each time you ate peaches, nectarines, or plums, how much did you usually eat?
16a. Each time you ate <b>bananas</b> , how many did you usually eat?  ☐ Less than 1 banana ☐ 1 banana ☐ More than 1 banana	Less than 1 fruit or less than ½ cup  1 to 2 fruits or ½ to ¾ cup  More than 2 fruits or more than ¾ cup  19. How often did you eat <b>grapes</b> ?
17. How often did you eat <b>dried fruit</b> , such as prunes or raisins (not including dried apricots)?    NEVER (GO TO QUESTION 18)   1–6 times per year   2 times per week   7–11 times per year   3–4 times per week   1 time per month   5–6 times per week   2–3 times per month   1 time per day   1 time per week   2 or more times per day   17a. Each time you ate <b>dried fruit</b> , how much did you usually eat (not including dried apricots)?   Less than 2 tablespoons   2 to 5 tablespoons   More than 5 tablespoons   More than 5 tablespoons   18. Over the past 12 months, did you eat peaches, nectarines, or plums?	NEVER (GO TO QUESTION 20)   1–6 times per year   2 times per week   7–11 times per year   3–4 times per week   1 time per month   5–6 times per week   2–3 times per month   1 time per day   1 time per week   2 or more times per day   19a. Each time you ate <b>grapes</b> , how much did you usually eat?   Less than ½ cup or less than 10 grapes   ½ to 1 cup or 10 to 30 grapes   More than 1 cup or more than 30 grapes   More than 1 cup or more than 30 grapes   NO (GO TO QUESTION 21)   PYES
NO (GO TO QUESTION 19)    YES	# 20a. How often did you eat fresh cantaloupe  WHEN IN SEASON?   □ NEVER  □ 1-6 times per season □ 1 times per week □ 1 time per month □ 1 time per day □ 1 time per week □ 2 or more times □ 3 or more times □ 4 times per week □ 1-6 times per year □ 1-6 times per year □ 1-6 times per year □ 1 time per month □ 1 time per week □ 1 time per month □ 1 time per day

Over the past 12 months	22. Over the <u>past 12 months</u> , did you eat strawberries?
20c. Each time you ate <b>cantaloupe</b> , how much did you usually eat?	NO (GO TO QUESTION 23)
Less than ¼ melon or less than ½ cup  ¼ melon or ½ to 1 cup  More than ¼ melon or more than 1 cup  21. Over the past 12 months, did you eat melon, other than cantaloupe (such as watermelon or	YES  22a. How often did you eat fresh strawberries WHEN IN SEASON?  □ NEVER
honeydew)?	□ NEVER
□ NO (GO TO QUESTION 22) □ YES 21a. How often did you eat fresh melon, other	☐ 1–6 times per season ☐ 2 times per week ☐ 7–11 times per season ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day
than cantaloupe (such as watermelon or honeydew) WHEN IN SEASON?	22b. How often did you eat fresh or frozen strawberries DURING THE REST OF THE YEAR?
□ NEVER	│
☐ 1–6 times per season ☐ 7–11 times per season ☐ 1 time per month ☐ 2–3 times per month ☐ 1 time per week ☐ 2 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ 1 time per day ☐ 2 or more times ☐ per day	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
21b. How often did you eat fresh or frozen melon, other than cantaloupe (such as watermelon or honeydew) DURING THE REST OF THE YEAR?	22c. Each time you ate <b>strawberries</b> , how much did you usually eat?
□ NEVER	Less than ¼ cup or less than 3 berries  ¼ to ¾ cup or 3 to 8 berries  More than ¾ cup or more than 8 berries
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week	23. Over the <u>past 12 months</u> , did you eat <b>oranges</b> , tangerines, or tangelos?
☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day	☐ NO (GO TO QUESTION 24) ☐ YES
21c. Each time you ate melon other than cantaloupe, how much did you usually eat?  Less than ½ cup or 1 small wedge  ½ to 2 cups or 1 medium wedge	23a. How often did you eat fresh oranges, tangerines, or tangelos WHEN IN SEASON?
☐ More than 2 cups or 1 large wedge	□ NEVER
	☐ 1–6 times per season ☐ 2 times per week ☐ 7–11 times per season ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day

Over the past 12 months	25. How often did you eat other kinds of fruit?
23b. How often did you eat <b>oranges</b> , <b>tangerines</b> , or <b>tangelos</b> (fresh or canned) <b>DURING THE REST OF THE YEAR</b> ?	NEVER (GO TO QUESTION 26)  1–6 times per year  2 times per week 7–11 times per year  3–4 times per week
<ul> <li>□ NEVER</li> <li>□ 1–6 times per year</li> <li>□ 7–11 times per year</li> <li>□ 3–4 times per week</li> <li>□ 1 time per month</li> <li>□ 5–6 times per week</li> </ul>	☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day  25a. Each time you ate <b>other kinds of fruit</b> , how much did you usually eat?
□ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  23c. Each time you ate <b>oranges, tangerines,</b> or <b>tangelos,</b> how many did you usually eat? □ Less than 1 fruit □ 1 fruit □ More than 1 fruit	☐ Less than ¼ cup ☐ ¼ to ¾ cup ☐ More than ¾ cup  26. How often did you eat <b>COOKED greens</b> (such as spinach, turnip, collard, mustard, chard, or kale)?  ☐ NEVER (GO TO QUESTION 27)
24. Over the <u>past 12 months</u> , did you eat <b>grapefruit</b> ?  NO (GO TO QUESTION 25)  The YES	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
Value	26a. Each time you ate COOKED greens, how much did you usually eat?    Less than ½ cup   ½ to 1 cup   More than 1 cup  27. How often did you eat RAW greens (such as spinach, turnip, collard, mustard, chard, or kale)? (We will ask about lettuce later.)    NEVER (GO TO QUESTION 28)    1–6 times per year   2 times per week   7–11 times per year   3–4 times per week   1 time per month   5–6 times per week   2–3 times per month   1 time per day   1 time per week   2 or more times per day  27a. Each time you ate RAW greens, how much did you usually eat?    Less than ½ cup   ½ to 1 cup   More than 1 cup

Over the past 12 months	31. How often did you eat <b>string beans</b> or <b>green beans</b> (fresh, canned, or frozen)?
28. How often did you eat <b>coleslaw</b> ?	,
NEVER (GO TO QUESTION 29)  □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  28a. Each time you ate coleslaw, how much did you usually eat? □ Less than ¼ cup □ ¼ to ¾ cup □ More than ¾ cup □ 1¼ to ¾ cup □ More than ¾ cup □ NEVER (GO TO QUESTION 30) □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 1 time per month □ 1 time per day □ 1 time per week □ 2 or more times per day  29a. Each time you ate sauerkraut or cabbage, how much did you usually eat?	NEVER (GO TO QUESTION 32)   1–6 times per year
□ Less than ¼ cup □ ¼ to 1 cup □ More than 1 cup  30. How often did you eat carrots (fresh, canned, or frozen)?  □ NEVER (GO TO QUESTION 31) □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  30a. Each time you ate carrots, how much did you usually eat? □ Less than ¼ cup or less than 2 baby carrots □ ¼ to ½ cup or 2 to 5 baby carrots □ More than ½ cup or more than 5 baby carrots	Less than ½ cup  ½ to ¾ cup  More than ¾ cup  33. Over the past 12 months, did you eat corn?  NO (GO TO QUESTION 34)  YES  33a. How often did you eat fresh corn WHEN IN SEASON?  NEVER  1-6 times per season  7-11 times per season  1 time per month  2 times per week  5-6 times per week  2-3 times per month  1 time per day  1 time per day  1 time per week  2 or more times per day

Over the past 12 months	36. How often did you eat mixed vegetables?
33b. How often did you eat corn (fresh, canned, or frozen) DURING THE REST OF THE YEAR?	□ NEVER (GO TO QUESTION 37)
□ NEVER	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week
☐ 1–6 times per year ☐ 2 times per week ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week	☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day	36a. Each time you ate <b>mixed vegetables</b> , how much did you usually eat?
33c. Each time you ate <b>corn</b> , how much did you usually eat?	☐ Less than ½ cup ☐ ½ to 1 cup ☐ More than 1 cup
☐ Less than 1 ear or less than ½ cup☐ 1 ear or ½ to 1 cup	37. How often did you eat <b>onions</b> ?
☐ More than 1 ear or more than 1 cup	☐ NEVER (GO TO QUESTION 38)
34. Over the <u>past 12 months</u> , how often did you eat <b>broccoli</b> (fresh or frozen)?	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day
☐ NEVER (GO TO QUESTION 35)	☐ 1 time per week ☐ 2 or more times per day
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week	37a. Each time you ate <b>onions</b> , how much did you usually eat?
☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day	<ul><li>☐ Less than 1 slice or less than 1 tablespoon</li><li>☐ 1 slice or 1 to 4 tablespoons</li><li>☐ More than 1 slice or more than 4 tablespoons</li></ul>
34a. Each time you ate <b>broccoli</b> , how much did you usually eat?	♦ 38. Now think about all the cooked vegetables you ate in the past 12 months and how they were
Less than ¼ cup  ½ to 1 cup  More than 1 cup	prepared. How often were your vegetables <b>COOKED WITH</b> some sort of <b>fat</b> , including oil spray? (Please do not include potatoes.)
35. How often did you eat cauliflower or Brussels sprouts (fresh or frozen)?	☐ NEVER (GO TO QUESTION 39)
☐ NEVER (GO TO QUESTION 36)	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day	2–3 times per month
35a. Each time you ate <b>cauliflower</b> or <b>Brussels sprouts</b> , how much did you usually eat?	
☐ Less than ¼ cup ☐ ¼ to ½ cup ☐ More than ½ cup	
<b>↓</b>	

Over the past 12 months	77b. How often was the steak you ate <b>lean steak</b> ?
75. How often did you eat beef mixtures such as beef stew, beef pot pie, beef and noodles, or beef and vegetables?	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time
☐ NEVER (GO TO QUESTION 76)	☐ Almost always or always
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2	78. How often did you eat <b>pork</b> or <b>beef spareribs</b> ?  NEVER (GO TO QUESTION 79)  1–6 times per year  2 times per week
75a. Each time you ate beef stew, beef pot pie, beef and noodles, or beef and vegetables, how much did you usually eat?	☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
☐ Less than 1 cup ☐ 1 to 2 cups ☐ More than 2 cups	78a. Each time you ate <b>pork</b> or <b>beef spareribs</b> , how much did you usually eat?  ☐ Less than 4 ribs
76. How often did you eat <b>roast beef</b> or <b>pot roast</b> ? (Please do not include roast beef or pot roast in sandwiches.)	☐ 4 to 12 ribs ☐ More than 12 ribs
☐ NEVER (GO TO QUESTION 77)	79. How often did you eat roast turkey, turkey cutlets, or turkey nuggets (including in sandwiches)?
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 1 time per day ☐ 1 time per day ☐ 2 or more times per day	□ NEVER (GO TO QUESTION 80)      □ 1–6 times per year □ 2 times per week     □ 7–11 times per year □ 3–4 times per week     □ 1 time per month □ 5–6 times per week
76a. Each time you ate <b>roast beef</b> or <b>pot roast</b> (including in mixtures), how much did you usually eat?	2–3 times per month
Less than 2 ounces 2 to 5 ounces More than 5 ounces	79a. Each time you ate <b>roast turkey, turkey cutlets,</b> or <b>turkey nuggets</b> , how much did you usually eat? (Please note: 4 to 8 turkey nuggets = 3 ounces.)
<ul><li>77. How often did you eat steak (beef)? (Do not include steak in sandwiches)</li></ul>	Less than 2 ounces 2 to 4 ounces More than 4 ounces
☐ NEVER (GO TO QUESTION 78)	80. How often did you eat <b>chicken</b> as part of <b>salads</b> ,
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day	sandwiches, casseroles, stews, or other mixtures?  NEVER (GO TO QUESTION 81)
☐ 1 time per week ☐ 2 or more times per day  77a. Each time you ate <b>steak</b> (beef), how much did you usually eat?  ☐ Less than 3 ounces ☐ 3 to 7 ounces	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
☐ More than 7 ounces	

Over the past 12 months	82. How often did you eat baked ham or ham steak?
80a. Each time you ate <b>chicken</b> as part of <b>salads</b> , <b>sandwiches</b> , <b>casseroles</b> , <b>stews</b> , or <b>other mixtures</b> , how much did you usually eat?	☐ NEVER (GO TO QUESTION 83)
Less than ½ cup  ½ to 1½ cups  More than 1½ cups	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day
81. How often did you eat baked, broiled, roasted, stewed, or fried chicken (including nuggets)? (Please do not include chicken in mixtures.)	82a. Each time you ate <b>baked ham</b> or <b>ham steak</b> , how much did you usually eat?
NEVER (GO TO QUESTION 82)   1–6 times per year	□ Less than 1 ounce □ 1 to 3 ounces □ More than 3 ounces ■ More than 3 ounces ■ Sa. How often did you eat <b>pork</b> (including chops, roasts, and in mixed dishes)? (Please do not include ham, ham steak, or sausage.) □ NEVER (GO TO QUESTION 84) □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  83a. Each time you ate <b>pork</b> , how much did you
81b. How often was the chicken you ate <b>fried chicken</b> (including deep fried) or <b>chicken nuggets</b> ?	usually eat?  ☐ Less than 2 ounces or less than 1 chop ☐ 2 to 5 ounces or 1 chop ☐ More than 5 ounces or more than 1 chop  84. How often did you eat <b>gravy</b> on meat, chicken, potatoes, rice, etc.?
☐ About 1/4 of the time ☐ About 1/2 of the time ☐ About 3/4 of the time ☐ Almost always or always  81c. How often was the chicken you ate WHITE meat?	NEVER (GO TO QUESTION 85)  □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	1 time per week 2 or more times per day  84a. Each time you ate <b>gravy</b> on meat, chicken, potatoes, rice, etc., how much did you usually eat?
81d. How often did you eat chicken WITH skin?  Almost never or never  About 1/4 of the time  About 1/2 of the time  About 3/4 of the time  Almost always or always	☐ Less than ¼ cup ☐ ¼ to ½ cup ☐ More than ½ cup

Over the past 12 months	87a. Each time you ate <b>sausage</b> , how much did you usually eat?
85. How often did you eat <b>liver</b> (all kinds) or <b>liverwurst</b> ?	☐ Less than 1 patty or 2 links☐ 1 to 3 patties or 2 to 5 links☐ More than 3 patties or 5 links
1-6 times per year   2 times per week   7-11 times per year   3-4 times per week   1 time per month   5-6 times per week   2-3 times per month   1 time per day   1 time per week   2 or more times per day   85a. Each time you ate liver or liverwurst, how much did you usually eat?   Less than 1 ounce   1 to 4 ounces   More than 4 ounces   More than 4 ounces   86. How often did you eat bacon (including low-fat)?	87b. How often was the sausage you ate light, low-fat, or lean sausage?  Almost never or never About ½ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always  88. How often did you eat fish sticks or fried fish (including fried seafood or shellfish)?
NEVER (GO TO QUESTION 87)  □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  86a. Each time you ate <b>bacon</b> , how much did you usually eat? □ Fewer than 2 slices □ 2 to 3 slices □ More than 3 slices	□ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  88a. Each time you ate <b>fish sticks</b> or <b>fried fish</b> , how much did you usually eat? □ Less than 2 ounces or less than 1 fillet □ 2 to 7 ounces or 1 fillet □ More than 7 ounces or more than 1 fillet ■ More than 7 ounces or more than 1 fillet ■ More than 5 ounces or more than 1 fillet ■ More than 6 ounces or more than 1 fillet ■ More than 7 ounces or more than 1 fillet
86b. How often was the bacon you ate <b>light</b> , <b>low-fat</b> , or <b>lean bacon</b> ?  Almost never or never About ½ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always  87. How often did you eat <b>sausage</b> (including low-	NEVER (GO TO INTRODUCTION TO QUESTION 90)  1–6 times per year
fat)?  NEVER (GO TO QUESTION 88)  1–6 times per year	eat?  Less than 2 ounces or less than 1 fillet 2 to 5 ounces or 1 fillet More than 5 ounces or more than 1 fillet

Over the past 12 months	92. Over the past 12 months, did you eat soups?
Now think about all the meat, poultry, and fish you ate in the past 12 months and how they were prepared.	☐ NO (GO TO QUESTION 93) ☐ YES
90. How often was oil, butter, margarine, or other fat used to FRY, SAUTE, BASTE, OR MARINATE any meat, poultry, or fish you ate? (Please do not include deep frying.)   □ NEVER (GO TO QUESTION 91)	92a. How often did you eat soup DURING THE WINTER?  □ NEVER □ 1–6 times per winter □ 2 times per week
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day	☐ 7–11 times per winter ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day  92b. How often did you eat <b>soup DURING THE</b>
90a. Which of the following <b>fats</b> were regularly used to prepare your meat, poultry, or fish?  (Mark all that apply.)	REST OF THE YEAR?  NEVER  1–6 times per year 2 times per week
low-fat)	☐ 7–11 times per year ☐ 1 time per month ☐ 2–3 times per month ☐ 1 time per week ☐ 2 or more times ☐ 2 or more times ☐ 2 or more times
91. How often did you eat <b>tofu</b> , <b>soy burgers</b> , or <b>soy meat-substitutes</b> ?	92c. Each time you ate <b>soup</b> , how much did you usually eat?  Less than 1 cup  1 to 2 cups  More than 2 cups
☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day  91a. Each time you ate tofu, soy burgers, or soy meat-substitutes, how much did you usually eat?	92d. How often were the soups you ate <b>bean</b> soups?  Almost never or never About 1/4 of the time About 1/2 of the time About 3/4 of the time Almost always or always
Less than ¼ cup or less than 2 ounces  ½ to ½ cup or 2 to 4 ounces  More than ½ cup or more than 4 ounces	92e. How often were the soups you ate <b>cream soups</b> (including chowders)?  Almost never or never About ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always

Over the <u>past 12 months</u>	94a. Each time you ate <b>crackers</b> , how many did you usually eat?
92f. How often were the soups you ate tomato or vegetable soups?  Almost never or never About ¼ of the time About ¾ of the time About ¾ of the time Almost always or always  92g. How often were the soups you ate broth soups (including chicken) with or without noodles or rice?  Almost never or never About ¼ of the time About ¾ of the time	Fewer than 4 crackers   4 to 10 crackers   More than 10 crackers     More than 10 crackers     More than 10 crackers     More than 10 crackers     More than 10 crackers     More than 10 crackers     More than 10 crackers     More than 10 crackers     More than 10 crackers     More than 10 crackers     2 times per week     7-11 times per year   2 times per week     1 times per year   3-4 times per week     1 time per month   5-6 times per week     2-3 times per month   1 time per day     1 time per week   2 or more times per day     95a. Each time you ate corn bread or corn muffins, how much did you usually eat?
_ , ,	
93. How often did you eat <b>pizza</b> ?	<ul><li>☐ Less than 1 piece or muffin</li><li>☐ 1 to 2 pieces or muffins</li><li>☐ More than 2 pieces or muffins</li></ul>
□ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  93a. Each time you ate pizza, how much did you usually eat? □ Less than 1 slice or less than 1 mini pizza □ 1 to 3 slices or 1 mini pizza □ More than 3 slices or more than 1 mini pizza □ More than 3 slices or more than 1 mini pizza 93b. How often did you eat pizza with pepperoni, sausage, or other meat? □ Almost never or never □ About ¼ of the time □ About ¾ of the time □ About ¾ of the time □ Almost always or always	96. How often did you eat biscuits?    NEVER (GO TO QUESTION 97)   1–6 times per year
94. How often did you eat <b>crackers</b> ?  NEVER (GO TO QUESTION 95)  1-6 times per year	□ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day

Over the past 12 months	99a. Each time you ate <b>pretzels</b> , how many did you usually eat?
97a. Each time you ate <b>potato chips, tortilla chips,</b> or <b>corn chips</b> , how much did you usually eat?	☐ Fewer than 5 average twists ☐ 5 to 20 average twists ☐ More than 20 average twists
☐ Fewer than 10 chips or less than 1 cup ☐ 10 to 25 chips or 1 to 2 cups ☐ More than 25 chips or more than 2 cups	100. How often did you eat <b>peanuts, walnuts, seeds,</b> or <b>other nuts</b> ?
97b. How often were the chips you ate Wow chips or other chips made with fat substitute (Olean or Olestra)?  Almost never or never About 1/4 of the time About 1/2 of the time About 3/4 of the time Almost always or always  97c. How often were the chips you ate other lowfat or fat-free chips?  Almost never or never About 1/4 of the time About 1/2 of the time About 3/4 of the time About 3/4 of the time About 3/4 of the time Almost always or always	□ NEVER (GO TO QUESTION 101) □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day  100a. Each time you ate peanuts, walnuts, seeds, or other nuts, how much did you usually eat? □ Less than ¼ cup □ ¼ to ½ cup □ More than ½ cup □ More than ½ cup □ 101. How often did you eat energy, high-protein, or breakfast bars such as Power Bars, Balance, Clif, or others?
98. How often did you eat <b>popcorn</b> (including low-fat)?  ☐ NEVER (GO TO QUESTION 99)  ☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day  98a. Each time you ate <b>popcorn</b> , how much did you usually eat?  ☐ Less than 2 cups, popped ☐ 2 to 5 cups, popped ☐ More than 5 cups, popped ☐ More than 5 cups, popped ☐ NEVER (GO TO QUESTION 100)  ☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day ☐ 1 time per week ☐ 2 or more times per day ☐ 1 time per week ☐ 2 or more times per day ☐ 2 or more times per day ☐ 1 time per week ☐ 2 or more times per day ☐ 2 or more times per day ☐ 1 time per week ☐ 2 or more times per day ☐ 2 or more times per day ☐ 2 or more times per day ☐ 1 time per week ☐ 2 or more times per day ☐ 2 or more times ☐ 2	NEVER (GO TO QUESTION 102)   1–6 times per year

Over the past 12 months	104c. How often was the cheese you ate <b>fat-free cheese</b> ?
102a. Each time you ate <b>yogur</b> t, how much did you usually eat?  ☐ Less than ½ cup or less than 1 container ☐ ½ to 1 cup or 1 container ☐ More than 1 cup or more than 1 container	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
103. How often did you eat cottage cheese (including low-fat)?    NEVER (GO TO QUESTION 104)     1-6 times per year   3-4 times per week   7-11 times per year   3-4 times per week   1 time per month   5-6 times per week   2-3 times per month   1 time per day   1 time per week   2 or more times per day   103a. Each time you ate cottage cheese, how much did you usually eat?   Less than ¼ cup   ¼ to 1 cup   More than 1 cup   104. How often did you eat cheese (including low-fat; including on cheeseburgers or in sandwiches or subs)?    NEVER (GO TO QUESTION 105)   1-6 times per year   2 times per week   7-11 times per year   3-4 times per week   1 time per month   5-6 times per week   2-3 times per month   1 time per day   1 time per week   2 or more times per day   104a. Each time you ate cheese, how much did you usually eat?   Less than ½ ounces or 1 slice   ½ to 1½ ounces or 1 slice   More than 1½ ounces or more than 1 slice   104b. How often was the cheese you ate light or low-fat cheese?   Almost never or never   About ¾ of the time   Almost always or always	105. How often did you eat frozen yogurt, sorbet, or ices (including low-fat or fat-free)?    NEVER (GO TO QUESTION 106)   1-6 times per year   2 times per week   7-11 times per year   3-4 times per week   1 time per month   1 time per day   2 or more times per day   1 time per week   2 or more times per day   105a. Each time you ate frozen yogurt, sorbet, or ices, how much did you usually eat?   Less than ½ cup or less than 1 scoop   ½ to 1 cup or 1 to 2 scoops   More than 1 cup or more than 2 scoops   More than 1 cup or more than 2 scoops   NEVER (GO TO QUESTION 107)   1-6 times per year   2 times per week   7-11 times per year   3-4 times per week   1 time per month   5-6 times per week   2-3 times per month   1 time per day   1 time per week   2 or more times per day   106a. Each time you ate ice cream, ice cream bars, or sherbet, how much did you usually eat?   Less than ½ cup or less than 1 scoop   ½ to 1½ cups or 1 to 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   More than 1½ cups or more than 2 scoops   Almost never or never   About ½ of the time   Almost always or always

Over the past 12 months	109. How often did you eat doughnuts, sweet rolls, Danish, or pop-tarts?
107. How often did you eat cake (including low-fat or fat-free)?	☐ NEVER (GO TO QUESTION 110)
NEVER (GO TO QUESTION 108)  1-6 times per year	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day  109a. Each time you ate doughnuts, sweet rolls, Danish, or pop-tarts, how much did you usually eat? ☐ Less than 1 piece
☐ Less than 1 medium piece☐ 1 medium piece☐ More than 1 medium piece	1 to 2 pieces More than 2 pieces
107b. How often was the cake you ate <b>light</b> , <b>low- fat</b> , or <b>fat-free cake</b> ?	110. How often did you eat sweet muffins or dessert breads (including low-fat or fat-free)?
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	NEVER (GO TO QUESTION 111)  1–6 times per year
108. How often did you eat <b>cookies</b> or <b>brownies</b> (including low-fat or fat-free)?	☐ 1 time per week ☐ 2 or more times per day  110a. Each time you ate sweet muffins or dessert breads, how much did you usually eat?
NEVER (GO TO QUESTION 109)  □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day	Less than 1 medium piece  1 medium piece More than 1 medium piece
☐ 1 time per week ☐ 2 or more times per day  108a. Each time you ate <b>cookies</b> or <b>brownies</b> ,	110b. How often were the sweet muffins or dessert breads you ate <b>light</b> , <b>low-fat</b> , or <b>fat-free sweet muffins</b> or <b>dessert breads</b> ?
how much did you usually eat?  Less than 2 cookies or 1 small brownie 2 to 4 cookies or 1 medium brownie More than 4 cookies or 1 large brownie	☐ Almost never or never ☐ About ½ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
108b. How often were the cookies or brownies you ate light, low-fat, or fat-free cookies or brownies?	<ul><li>111. How often did you eat fruit crisp, cobbler, or strudel?</li><li>NEVER (GO TO QUESTION 112)</li></ul>
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day

#### Over the past 12 months... 116. How many cups of **coffee**, caffeinated or decaffeinated, did you drink? 115a. Each time you ate eggs, how many did you ☐ NEVER (GO TO QUESTION 117) usually eat? Less than 1 cup per ☐ 5–6 cups per week ☐ 1 eaa ☐ 1 cup per day month 2 eggs ☐ 1–3 cups per month ☐ 2–3 cups per day ☐ 3 or more eggs ☐ 1 cup per week ☐ 4–5 cups per day ☐ 2–4 cups per week 6 or more cups per day 115b. How often were the eggs you ate egg substitutes? 116a. How often was the coffee you drank decaffeinated? ☐ Almost never or never ☐ About ¼ of the time ☐ Almost never or never About ½ of the time About ¾ of the time ☐ About ¼ of the time About ½ of the time Almost always or always About ¾ of the time Almost always or always 115c. How often were the eggs you ate egg whites only? 117. How many glasses of **ICED tea**, caffeinated or decaffeinated, did you drink? ☐ Almost never or never About ¼ of the time ☐ NEVER (GO TO QUESTION 118) About ½ of the time ☐ About ¾ of the time Less than 1 cup per ☐ 5–6 cups per week ☐ Almost always or always month 1 cup per day 2–3 cups per day 1–3 cups per month 115d. How often were the eggs you ate regular 1 cup per week 4–5 cups per day whole eggs? 2–4 cups per week ☐ 6 or more cups per day ☐ Almost never or never 117a. How often was the iced tea you drank ☐ About ¼ of the time decaffeinated or herbal tea? About ½ of the time About ¾ of the time ☐ Almost never or never ☐ Almost always or always ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time 115e. How often were the eggs you ate cooked in ☐ Almost always or always oil, butter, or margarine? 118. How many cups of **HOT tea**, caffeinated or ☐ Almost never or never decaffeinated, did you drink? About ¼ of the time About ½ of the time ☐ NEVER (GO TO QUESTION 119) About ¾ of the time ☐ Almost always or always Less than 1 cup per 5–6 cups per week 1 cup per day month 115f. How often were the eggs you ate part of 2–3 cups per day ☐ 1–3 cups per month egg salad? 4–5 cups per day ☐ 1 cup per week 2–4 cups per week 6 or more cups per day ☐ Almost never or never About ¼ of the time 118a. How often was the hot tea you drank ☐ About ½ of the time decaffeinated or herbal tea? ☐ About ¾ of the time ☐ Almost always or always ☐ Almost never or never ☐ About ¼ of the time About ½ of the time ☐ About ¾ of the time ☐ Almost always or always

Over the past 12 months	121b. What kind of <b>non-dairy creamer</b> did you usually use?
119. How often did you add <b>sugar</b> or <b>honey</b> to your coffee or tea?	☐ Regular powdered ☐ Low-fat or fat-free powdered ☐ Regular liquid
□ Less than 1 time per □ 5–6 times per week month □ 1 time per day □ 1–3 times per month □ 2–3 times per day □ 1 time per week □ 4–5 times per day □ 2–4 times per week □ 6 or more times per day 119a. Each time <b>sugar</b> or <b>honey</b> was added to your coffee or tea, how much was usually added? □ Less than 1 teaspoon □ 1 to 3 teaspoons □ 1 to 3 teaspoons 120. How often did you add <b>artificial sweetener</b> to your coffee or tea? □ NEVER (GO TO QUESTION 121)	□ Low-fat or fat-free liquid  122. How often was cream or half and half added to your coffee or tea?  □ NEVER (GO TO QUESTION 123) □ Less than 1 time per □ 5–6 times per week month □ 1 time per day □ 1–3 times per month □ 2–3 times per day □ 1 time per week □ 4–5 times per day □ 2–4 times per week □ 6 or more times per day  122a. Each time cream or half and half was added to your coffee or tea, how much was usually added? □ Less than 1 tablespoon □ 1 to 2 tablespoons □ More than 2 tablespoons
□ Less than 1 time per month □ 1 time per day   □ 1-3 times per month □ 2-3 times per day   □ 1 time per week □ 4-5 times per day   □ 2-4 times per week □ 6 or more times per day   □ 120a. What kind of artificial sweetener did you usually use?   □ Equal or aspartame □ Sweet N Low or saccharin   □ Sweet N Low or saccharin   □ 121. How often was non-dairy creamer added to your coffee or tea?   □ NEVER (GO TO QUESTION 122)   □ Less than 1 time per month □ 1 time per day   □ 1-3 times per month □ 2-3 times per day   □ 1 time per week □ 4-5 times per day   □ 2-4 times per week □ 6 or more times per day   □ 121a. Each time non-dairy creamer was added to your coffee or tea, how much was usually used?   □ Less than 1 teaspoon □ 1 to 3 teaspoons   □ More than 3 teaspoons   □ More than 3 teaspoons	NEVER (GO TO QUESTION 124)

Over the past 12 months	125c. How often was the margarine you ate fat- free margarine?
124. How often was <b>sugar</b> or <b>honey</b> added to foods you ate? (Please do not include sugar in coffee, tea, other beverages, or baked goods.)	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
1-6 times per year   2 times per week   7-11 times per year   3-4 times per week   1 time per month   5-6 times per week   1 time per month   1 time per day   1 time per week   2 or more times per day   1 time per week   2 or more times per day   1 time per week   2 or more times per day   124a. Each time sugar or honey was added to foods you ate, how much was usually added?   Less than 1 teaspoon   1 to 3 teaspoons   More than 3 teaspoons   More than 3 teaspoons   More than 3 teaspoons   1 to 3 teas	Almost always or always  126. Over the past 12 months, did you eat butter?    NO (GO TO QUESTION 127)   YES   126a. How often was the butter you ate light or low-fat butter?   Almost never or never   About ½ of the time   About ½ of the time   About ½ of the time   Almost always or always   127. Over the past 12 months, did you eat mayonnaise or mayonnaise-type dressing?   NO (GO TO QUESTION 128)   YES   127a. How often was the mayonnaise you ate regular-fat mayonnaise?   Almost never or never   About ½ of the time   About ½ of the time   Almost always or always   127b. How often was the mayonnaise you ate light or low-fat mayonnaise?   Almost never or never   About ½ of the time   Almost always or always

Over the past 12 months	129b. How often was the cream cheese you ate light, low-fat, or fat-free cream cheese?
127c. How often was the mayonnaise you ate fat-	ingini, four fait, or fait from crious.
free mayonnaise?	☐ Almost never or never
moo mayomaloo.	About 1/4 of the time
☐ Almost never or never	About ½ of the time
Almost flever of flever	About ¾ of the time
About ½ of the time	☐ Almost always or always
About ½ of the time	
☐ About 74 of the time	130. Over the past 12 months, did you eat salad
☐ All liost always of always	dressing?
128. Over the past 12 months, did you eat sour	uressing:
cream?	☐ NO (GO TO INTRODUCTION TO QUESTION 131)
Cream:	
☐ NO (GO TO QUESTION 129)	│
INO (GO TO QUESTION 120)	
	130a. How often was the salad dressing you ate
↓	regular-fat salad dressing (including oil
128a. How often was the sour cream you ate	and vinegar dressing)?
regular-fat sour cream?	and vinegal dressing):
regular-lat Sour Cream?	Almost novemen novem
	Ahout 1/ of the time
Almost never or never	About ¼ of the time
About ¼ of the time	About ½ of the time
About ½ of the time	About ¾ of the time
About ¾ of the time	☐ Almost always or always
☐ Almost always or always	
	130b. How often was the salad dressing you ate
128b. How often was the sour cream you ate <b>light</b> ,	light or low-fat salad dressing?
low-fat, or fat-free sour cream?	
	☐ Almost never or never
☐ Almost never or never	☐ About ¼ of the time
☐ About ¼ of the time	☐ About ½ of the time
☐ About ½ of the time	☐ About ¾ of the time
☐ About ¾ of the time	☐ Almost always or always
	130c. How often was the salad dressing you ate
129. Over the past 12 months, did you eat cream	fat-free salad dressing?
cheese?	
	☐ Almost never or never
☐ NO (GO TO QUESTION 130)	About ¼ of the time
	About ½ of the time
⊢∏ YES	About ¾ of the time
	Almost always or always
₩	<b>,</b> , , ,
129a. How often was the cream cheese you ate	The following two questions ask you to
regular-fat cream cheese?	summarize your usual intake of vegetables and
Togular lat ordain onecoc:	fruits. Please do not include salads, potatoes, or
☐ Almost never or never	juices.
Almost flever of flever	juiocoi
About ½ of the time	131 Over the past 12 menths, how many servings of
About ½ of the time	131. Over the past 12 months, how many servings of
☐ About 1/4 of the time	vegetables (not including salad or potatoes) did
☐ Airiost always of always	you eat per week or per day?
	Less than 1 per week 2 per day
	☐ 1–2 per week ☐ 3 per day
	3–4 per week 4 per day
	☐ 5–6 per week ☐ 5 or more per day
1	☐ 1 per day

Over the past 12 months	The next questions are about your use of fiber supplements or vitamin pills.
132. Over the <u>past 12 months</u> , how many servings of <b>fruit</b> (not including juices) did you eat per week or per day?	135. Over the <u>past 12 months</u> , did you take any of the following types of <b>fiber or fiber supplements</b>
☐ Less than 1 per week ☐ 2 per day ☐ 1–2 per week ☐ 3 per day ☐ 3–4 per week ☐ 4 per day ☐ 5–6 per week ☐ 5 or more per day ☐ 1 per day	on a regular basis (more than once per week for at least 6 of the last 12 months)?  (Mark all that apply.)  NO, didn't take any fiber supplements on a regular basis (GO TO QUESTION 136)
133. Over the <u>past month</u> , which of the following foods did you eat <b>AT LEAST THREE TIMES?</b> (Mark all that apply.)	<ul> <li>         ☐ YES, psyllium products (such as Metamucil, Fiberall, Serutan, Perdiem, Correctol)     </li> <li>         ☐ YES, methylcellulose/cellulose products (such as Citrucel, Unifiber)     </li> <li>         ☐ YES, Fibercon     </li> </ul>
<ul> <li>☐ Avocado, guacamole</li> <li>☐ Cheesecake</li> <li>☐ Chocolate, fudge, or</li> <li>☐ Pickles or pickled</li> </ul>	YES, Pibercon YES, Bran (such as wheat bran, oat bran, or bran wafers)
butterscotch toppings or syrups	136. Over the <u>past 12 months</u> , did you take any <b>multivitamins</b> , such as One-a-Day-, Theragran- or Centrum-type multivitamins (as pills, liquids, or packets)?
☐ Egg rolls ☐ Veal, venison, lamb ☐ Granola bars ☐ Whipped cream, regular ☐ Hot peppers ☐ Whipped cream, ☐ Jello, gelatin Substitute ☐ Milkshakes or	NO (GO TO INTRODUCTION TO QUESTION 138)
ice-cream sodas NONE  134. For ALL of the past 12 months, have you followed any type of vegetarian diet?	137. How often did you take <u>One-a-day-, Theragran-, or Centrum-type</u> multivitamins?  Less than 1 day per month  1–3 days per month
☐ NO (GO TO INTRODUCTION TO QUESTION 135) ☐ YES	☐ 1–3 days per week ☐ 4–6 days per week ☐ Every day
▼ 134a. Which of the following foods did you TOTALLY EXCLUDE from your diet? (Mark all that apply.)	137a. Does your <b>multivitamin</b> usually contain <b>minerals</b> (such as iron, zinc, etc.)?
Meat (beef, pork, lamb, etc.)   Poultry (chicken, turkey, duck)   Fish and seafood   Eggs   Dairy products (milk, cheese, etc.)	□ NO □ YES □ Don't know  137b. For how many years have you taken multivitamins?
Daily products (mink, crieese, etc.)	☐ Less than 1 year ☐ 1–4 years ☐ 5–9 years ☐ 10 or more years

Over the past 12 months	139. How often did you take <b>Vitamin A</b> ( <b>NOT</b> as part of a multivitamin in Question 137)?
137c. Over the <u>past 12 months</u> , did you take any vitamins, minerals, or other herbal supplements other than your multivitamin?	NEVER (GO TO QUESTION 140)
Ų NO	Less than 1 day per month 1–3 days per month 1–3 days per week 4–6 days per week
Thank you <u>very much</u> for completing this questionnaire! Because we want to be able to use all the information you have provided, we would greatly appreciate it if you would please take a moment to review each page making sure that you:  Did not skip any pages and Crossed out the incorrect answer and circled the correct answer if you made any changes.	□ Every day  139a. When you took <b>Vitamin A</b> , about how much did you take in one day?  □ Less than 8,000 IU □ 8,000–9,999 IU □ 10,000–14,999 IU □ 15,000–24,999 IU □ 25,000 IU or more □ Don't know
YES (GO TO INTRODUCTION TO QUESTION 138)	139b. For how many years have you taken Vitamin A?
These last questions are about the vitamins, minerals, or herbal supplements you took that are <a href="NOT">NOT</a> part of a One-a-day-, Theragran-, or Centrum-type of multivitamin.	☐ Less than 1 year ☐ 1–4 years ☐ 5–9 years ☐ 10 or more years
Please include vitamins taken as part of an antioxidant supplement.	140. How often did you take <b>Vitamin C</b> ( <b>NOT</b> as part of a multivitamin in Question 137)?
138. How often did you take <b>Beta-carotene</b> ( <b>NOT</b> as part of a multivitamin in Question 137)?  NEVER (GO TO QUESTION 139)  Less than 1 day per month 1-3 days per month 1-3 days per week 4-6 days per week Every day	□ NEVER (GO TO QUESTION 141)  □ Less than 1 day per month □ 1–3 days per month □ 1–3 days per week □ 4–6 days per week □ Every day  140a. When you took <b>Vitamin C</b> , about how much did you take in one day? □ Less than 500 mg
138a. When you took <b>Beta-carotene</b> , about how much did you take in one day?  Less than 10,000 IU 10,000–14,999 IU 15,000–19,999 IU 20,000–24,999 IU 25,000 IU or more Don't know  138b. For how many years have you taken <b>Beta-carotene</b> ?  Less than 1 year 1–4 years 5–9 years 10 or more years	Less than 500 mg  500–999 mg  1,000–1,499 mg  1,500–1,999 mg  2,000 mg or more  Don't know  140b. For how many years have you taken  Vitamin C?  Less than 1 year  1–4 years  5–9 years  10 or more years

Over the past 12 months	142b. For how many years have you taken  Calcium or Calcium-containing antacids?
141. How often did you take Vitamin E (NOT as part of a multivitamin in Question 137)?	☐ Less than 1 year
☐ NEVER (GO TO QUESTION 142)	☐ 1–4 years ☐ 5–9 years ☐ 10 or more years
☐ Less than 1 day per month ☐ 1–3 days per month ☐ 1–3 days per week ☐ 4–6 days per week ☐ Every day  141a. When you took <b>Vitamin E</b> , about how much did you take in one day?	The last two questions ask you about other supplements you took more than once per week.  143. Please mark any of the following single supplements you took more than once per week (NOT as part of a multivitamin in Question 137):
☐ Less than 400 IU ☐ 400–799 IU ☐ 800–999 IU ☐ 1,000 IU or more ☐ Don't know  141b. For how many years have you taken Vitamin E?	☐ B-6 ☐ Folic acid/folate ☐ B-complex ☐ Glucosamine ☐ Brewer's yeast ☐ Hydroxytryptophan (HTP ☐ Cod liver oil ☐ Iron ☐ Coenzyme Q ☐ Niacin ☐ Fish oil ☐ Selenium (Omega-3 fatty acids) ☐ Zinc
□ Less than 1 year □ 1–4 years □ 5–9 years □ 10 or more years  142. How often did you take Calcium or Calcium-containing antacids (NOT as part of a multivitamin in Question 137)? □ NEVER (GO TO QUESTION 143) □ Less than 1 day per month □ 1–3 days per month □ 1–3 days per week □ 4–6 days per week □ 4–6 days per week □ Every day	144. Please mark any of the following herbal or botanical supplements you took more than once per week.    Aloe Vera
142a. When you took Calcium or Calcium- containing antacids, about how much elemental calcium did you take in one day? (If possible, please check the label for elemental calcium.)  Less than 500 mg 500–599 mg 600–999 mg 1,000 mg or more Don't know	Thank you very much for completing this questionnaire! Because we want to be able to use all the information you have provided, we would greatly appreciate it if you would please take a moment to review each page making sure that you:  Did not skip any pages and Crossed out the incorrect answer and circled the correct answer if you made any changes.